protest your neighbor and other members of your fame the disregard of a danger signal or a miscalculation of ily from the disease.

Dirt in the house or yard invites disease. Rats and flies are carriers of disease; therefore, have no filth about for them to feed on. Use the garbage can for all scraps of food and waste matter.

Care of Milk and Food Cooking.

When you buy milk, cool it at once by setting the vessel in a pan of cold water (ice water, if possible) then keep the milk in a cool place at all times, protecting it from flies. Scald the vessels or bottles thoroughly before placing milk in them. All food, meats, vegetables and fruits should be protected from flies and rats. Never drink the Hydrant water.

Give your help to the Pittsburg Buffalo Company, whose aim is to protect you and your family against sickness and disease. Help in this work to make Marianna a model town, with clean houses, yards and streets. - Marianna Board of Health.

(Concluded next issue.)

THE DEAD MAN'S HANDLE.

that position by the weight of the man's hand, which open. Thus hasty action is eliminated. must always be on it in order to ensure the flow of would be applied the application of the brakes.

Another form of apparatus which mechanically removes the possibility of human error is the stop signal, used on the underground and overhead railways here and in America. valve handle, at once applies the brake. In this way ions of molern railway travel and industrial life.

distance results in the automatic stopping of the train.

On some lines the signals at interlocking cabins are semi-automatic, that is, while they are operated from the signal cabins, they are controlled by track circuits. The signalman is able to put his lever back far enough to place the signal at 'danger,' yet he cannot put it back fully until the train has passed the fouling point. This prevents him from pulling over the levers of conflicting points or signals. At interlockings the signals are raised to the 'danger' position b the passage of the train independently of the signal an, but he is compelled to bring the signal lever back to normal before the signal itself can be again lowered to the 'safety' position.

PREVENTION OF HASTY ACTION.

A method of indicating to the driver of a New York Subway train that all the doors of the carriages have been closed is now in operation. A small electric bulb in the driver's cab glows when all the doors have been shut, as they have each closed an electric One of the most ingenious pieces of mechanism for contact. In this case the position in the train of the the elia ination of the human element in certain cir. door last to be closed does not matter. If any door is counstances is the electrical controller handle used on left open the lamp does not light, and until it does, the London Underground Railways, the Liverpool the driver may not start the train. In order to save Overhead Railway, and the Sabway and elevated current and prolong the life of the bulb, the driver railways of New York, Boston and other large cities, breaks the circuit by opening a small switch in the It is usually referred to by the somewnat gruesome cab, after receiving the signal that the doors have all name of the 'dead man's handle'. It consists of the been closed, which is also the signal to start. He ordinary detachable control arm with the addition of closes the circuit after the stop has been made, and a knob or button which is pressed down by the oper- when the open doors have again been closed, his startator to make electrical connection between the supply ing lamp glows once more. When the bellcord is current and the controller. The movement of the arm used for starting, the signal first given is from the is necessary to connect motor and supply in the usual rear and it is relayed forward by the guards on the way. The button on the top of the handle is depress- platforms of the carriages. The electric door closing ed about half an inch and while running is kept in contact prevents a signal from being given if a door is

In many electric lifts in America the controller current. The button is held up by a coil spring below handle is so made that it requires one complete rotatit, but may be allowed to rise through a distance of ion before the operating mechanism is removed. This three-eights of an inch without breaking the electric prevents the car from being inadvertently started by circuit; the operator is thus permitted a certain a- a passenger or the operator pushing against the handle mount of freedom so that his hand will not become and giving it a partial turn. It also prevents sudden cramped. If, however, he should fall back in a faint or basty action on the part of the operator. A certain or become otherwise incapacitated his hand would ressmall amount of time is necessarily consumed in movlax its grasp, and the button being forced up by the ing the handle through what may be called the idle spring below it the current would at once be cut off circle of motion, and these few seconds give the man from the motors, and at the same time the brake time to think. In other cases the controller handle is In the presence of impending weighted so that it flies back to the neutral position, danger, the operator's quickest and most efficient act. cuts off the current, and so stops the car, when the ion would be to withdraw his hand, and he would hand of the operator is withdrawn. Hence to start thus secure the instant cutting off of the current and the life a definite purposive action on the part of the operator is required, and a slight knock against the handle would be followed by a quick swing back to the neutral position, with current promptly cut off.

The justification of all mechanical appliances whet-It consists of a T-headed trip her they stop a train, warn a driver, inconvenience an placed outside the running rail. This trip is raised operator, or enforce obedience to good practice, is when the adjacent visual signal goes to 'danger', and from first to last the protection of the many who have sinks to an almost horizontal position when the signal entrusted their lives to the vigilance, the competence, is 'off'. In the vertical or stop position, the head of the and the good judgement of one. The operating humtrip engages with a handle, or other suitable device, an element is not entirely deprived of its best features, of an air exhaust valve attached to the brake system but is supplemented so far as possible by what may on the carriages. If the forepart of the first carriage be called 'mechanical safety,' in the performance of over-runs the danger signal the trip, striking the air the many duties now imposed by the exacting condit-